Application/Control No.

Applicant(s)/Patent under Reexamination

10/748,613
Examiner
Lan Vinh

Applicant(s)/Patent under Reexamination

LEE ET AL.

Examiner
Lan Vinh

1765

| √  | Rejected | _ | (Through numeral)<br>Cancelled | N | Non-Elected  | A | Appeal   |  |  |
|----|----------|---|--------------------------------|---|--------------|---|----------|--|--|
| 11 | Allowed  | + | Restricted                     | _ | Interference | o | Objected |  |  |

| Cla                    | Date     |              |          |           |                 | ]      | Claim  |               |          |              | Date     |                 |          |        | Cl   | aim             |        | Date         |           |          |               |        |          |                 |                 |                 |                 |
|------------------------|----------|--------------|----------|-----------|-----------------|--------|--|---------------|----------|--------------|----------|-----------------|----------|--------|--|-----------------|--------|--------------|-----------|----------|---------------|--------|----------|-----------------|-----------------|-----------------|-----------------|
|                        | -        |              | $\prod$  | T         | T               |        | $\Box$   |               |          |              | <u></u>  | T               |          |        |  |                 |        |              |           |          |               |        |          | Π               | T               |                 |                 |
| Final                  | Original | 10           |          |           |                 |        |  |               |          | Final        | Original |                 |          | 1      |  |                 |        |              | Final     | Original | - 1           | '      | ļ        |                 |                 |                 |                 |
| iĒ                     | iñ       | 1/30/        | 1        |           |                 |        |  |               |          | ιĒ           | Ę        |                 |          |        |  |                 |        |              | Fir       | [ 꽃      | - 1           |        |          |                 |                 |                 |                 |
|                        | 0        | 1 1          | <b>≯</b> |           |                 | 1      |  |               |          |              | 0        |                 |          |        |  |                 |        | 1            |           |          | .             |        |          |                 | -               | ŀ               |                 |
|                        | 1        | V            |          | $\neg$    |                 |        | П  |               |          |              | 51       |                 |          |        |  | $\sqcap \sqcap$ |        |              |           | 101      |               | $\top$ |          |                 | $\neg$          |                 | $\neg \neg$     |
|                        | 2        | 1            | П        | $\neg$    |                 | T      |  |               |          |              | 52       |                 |          | Т      |  |                 | T      | ١            |           | 102      |               |        | Π        | П               | $\neg$          |                 | $\sqcap$        |
|                        | 3        | 7            | $\Box$   |           |                 | 1      |  |               |          |              | 53       |                 |          | 1      |  |                 |        |              |           | 103      |               | $\top$ |          | П               | ╛               | $\neg$          | $\top$          |
|                        | 4        | 0            | $\Box$   |           |                 | 1      |  |               |          |              | 54       |                 |          | 1      |  | $\top$          | $\top$ |              |           | 104      |               | T      |          | П               | $\neg$          | $\neg$          | $\top$          |
|                        | 5        | 0            | П        | $\neg$    |                 | $\neg$ |  |               |          |              | 55       |                 | 1        | 1      |  |                 |        | 7 ::         |           | 105      |               | $\top$ |          | П               | $\neg$          | 一               | $\neg \neg$     |
|                        | 6        | V            | $\Box$   | ヿ         |                 |        |  |               |          |              | 56       |                 | ı        |        |  |                 | _      | <b>1</b> · : |           | 106      |               |        |          | П               | $\neg$          | T               | $\neg$          |
|                        | 7        | V            |          | $\neg$    | $\neg$          |        | $\Box$   |               |          |              | 57       | $\neg$          |          | 1      |  |                 | $\top$ | 1            |           | 107      |               |        |          |                 |                 | T               |                 |
|                        | 8        | 0            |          | $\exists$ | $\neg \vdash$   |        | H  |               |          |              | 58       | $\neg$          |          | 1      |  |                 | $\top$ | 7            |           | 108      |               |        |          | П               | 一               | $\neg$          | $\top$          |
|                        | 9        | V            |          | 寸         |                 | 1      | П  |               |          |              | 59       |                 |          |        |  |                 | _      | T            |           | 109      |               |        | T        | П               | $\neg$          | $\neg$          | $\neg$          |
|                        | 10       | П            |          |           |                 |        |  |               | 1        |              | 60       |                 |          | T      |  | $\Box$          | T      | 7            |           | 110      | T T           |        |          | П               |                 | $\neg \uparrow$ |                 |
|                        | 11       | 11           | П        |           | $\neg$          |        |  | $\neg$        | 1        |              | 61       | $\neg$          | $\top$   | 1      | $\Box$   | $\top$          | $\top$ | 1            |           | 111      | $\dashv$      | $\top$ | $\top$   | П               | $\dashv$        | 十               | $\neg$          |
| П                      | 12       | Π            | П        | 寸         |                 |        | П  |               |          |              | 62       | 7               | $\top$   | T      |  | $\top$          | T      | 7            |           | 112      |               | $\top$ | $\top$   | $\Box$          | $\neg \uparrow$ | 十               | $\top$          |
|                        | 13       | $\sqcap$     | П        | ヿ         | $\neg$          |        |  | $\neg \vdash$ |          |              | 63       | $\neg$          | $\neg$   | 1      |  | $\dagger$       | T      |              |           | 113      | $\neg$        | $\top$ | $\top$   | П               | $\dashv$        | 十               | $\top$          |
|                        | .14      | $\sqcap$     | П        | $\neg$    | $\dashv$        | 1      | 1 1  | $\neg$        | 1        |              | 64       | $\neg$          | $\neg$   | T      |  | +               | $\top$ | 1::::        |           | 114      |               | 1      | T        | $\Box$          | $\dashv$        | 十               | $\dashv \dashv$ |
|                        | 15       | Ħ            | $\sqcap$ | $\neg$    | $\neg \uparrow$ | $\top$ |  |               | 1        |              | 65       | $\dashv$        | $\top$   | T      |  | 11              | 十      |              |           | 115      | $\dashv$      | 1      | †        | $\vdash$        | $\dashv$        | 十               | $\dashv \dashv$ |
|                        | 16       | V            | П        | 寸         | $\dashv$        |        | 1 1  |               |          |              | 66       |                 | $\neg$   | $\top$ |  | +               | $\top$ | 1            |           | 116      |               |        | $\top$   | $\vdash$        | 1               | $\top$          | +               |
|                        | 17 .     | Ū            | П        | $\dashv$  | $\top$          | 1      | $\Box$   |               |          |              | 67       | $\neg \uparrow$ | $\neg$   | 1      |  | 11              | +      | 7::::        |           | 117      | $\neg \vdash$ | +      | T        | H               | $\dashv$        | $\top$          | $\dashv$        |
|                        | 18       | a            | 1        | 寸         | $\dashv$        | +-     | 1  |               | 1        |              | 68       |                 | -        | t      |  | 11              | +      | 1::::        |           | 118      | _             | +-     | 1        | H               | 1               | $\top$          | $\dashv$        |
|                        | 19       |              | t        | $\dashv$  | $\dashv$        | +-     | T  |               | 1        |              | 69       | _               | $\dashv$ | 1      |  |                 | +      | 1            |           | 119      |               |        | +        | $\vdash$        | _               | $\dashv$        | +               |
|                        | 20       | ÿ            | Н        | $\dashv$  | $\dashv$        | +-     | +  |               |          |              | 70       | -               | - -      | +      |  | +               | +      | 1::::        |           | 120      | $\dashv$      | +      | ┿        | $\vdash$        | +               | $\dashv$        | +               |
|                        | 21       |              | H        |           | $\dashv$        | +-     | t  |               |          |              | 71       | _               | _        | +      |  | +               | +      | الللا        |           | 121      |               | +      | T        | $\vdash$        | +               |                 | +               |
|                        | 22       | 9            | $\Box$   | 寸         | $\dashv$        | $\top$ | T  |               |          |              | 72       | $\neg$          | _        | †      |  |                 | +-     | 1111         |           | 122      | $\dashv$      | +      | +        | $\vdash$        |                 | _               | $\dashv$        |
|                        | 23       | Ħ            |          | $\dashv$  | $\top$          |        | $\Box$   |               |          |              | 73       | _               | _        | +      |  |                 | +      | ١!!!!        |           | 123      | _             | +      | T        |                 | +               | _               | -               |
|                        | 24       | ١,           | $\Box$   | _         | $\dashv$        | +      | $\Box$   | +             |          |              | 74       | 十               | _        | +      |  |                 | +      | -            | <b></b> - | 124      |               | +      | $\vdash$ |                 | +               |                 | $\dashv$        |
| $\vdash$               | 25       | V            |          | $\dashv$  |                 | +      | H  | _             | 1        |              | 75       |                 |          | ╁      | $\vdash$   | +               | +      | -            | <b></b>   | 125      |               |        | +        | Н               | _               | +               | +               |
|                        | 26       | ٧            | +        | ┪         |                 | +      | 1 1  | $\dashv$      | 1        |              | 76       |                 | _        | +      | $\vdash$   | ++              | +      | 1            |           | 126      | _             | +      | +        | $\vdash$        | -               | +               | $\dashv$        |
|                        | 27       | ╁            | 1        | $\dashv$  |                 | -      |  | _             | 1        |              | 77       |                 |          | +      | $\vdash$   | ++              | +      | -            |           | 127      |               | +      | ╁╌       | Н               | -               | $\dashv$        | +               |
|                        | 28       | ┢            | $\vdash$ | -         | +               | +      | H  | +             | 1        |              | 78       |                 |          | ╁      | -  | ++              | +      | 1:::         |           | 128      | -+            | +      | +        | $\vdash$        | +               | $\dashv$        | +               |
| $\vdash$               | 29       | ┢            | ╁═┤      | 一         | +               | +      | $\vdash$   | +             | 1        |              | 79       | $\dashv$        |          | +      | $\vdash$   | ++              | +      | -            |           | 129      | +             | +      | +        | ╌┤              | -               |                 | +               |
|                        | 30       | ┢            | +        | $\dashv$  | $\dashv$        | +      | $\vdash$   | $\dashv$      |          |              | 80       |                 | _        | +      | $\vdash\vdash$                                   | ++              | +      | -            |           | 130      | -             | +      | ╁        | -               |                 |                 | +               |
| $\vdash$               | 31       | ┢            |          | +         | $\dashv$        | +      | $\vdash$   | +             |          |              | 81       |                 |          | +      | $\vdash$   | ++              | +-     | -            |           | 131      | -             | +      | +        | ┤┤              |                 | -               | +               |
| $\vdash$               | 32       | ┢            | 1-1      | $\dashv$  | +               | +      | $\vdash$   | +             |          |              | 82       |                 | _        | +      | $\vdash$   | ++              | +      |              |           | 132      | -             | +      | ┼        | ┤┤              |                 | -               | -               |
| $\vdash$               | 33       | ┢            | $\vdash$ | $\dashv$  | $\dashv$        | +      | +  | +             | 1        | <del></del>  | 83       |                 |          | +      | $\vdash$   | +-+             | +      | ۱. ا         |           | 133      | -             | +      | ┼        | $\vdash$        | -               | +               | +               |
| $\vdash \vdash$        | 34       | <del> </del> | $\vdash$ | $\dashv$  | +               | +      | +  | +             | 1        |              | 84       | -               | +        | +      | $\vdash \vdash$                                  | ++              | +      | -            |           | 134      | $-\vdash$     | +      | +        | ╁─┤             |                 | +               | +               |
| $\vdash \vdash$        | 35       | ┢            | $\vdash$ | -         | -               | +      | +  | +             | 1 4      |              | 85       | $\dashv$        |          | +-     | <del>                                     </del> | ++              | +      | ┨            |           | 135      | +             | +      | +        | $\vdash \vdash$ | -               | -+              | +               |
| -                      | 36       | $\vdash$     | $\vdash$ | +         |                 | -      | ++   | -             |          | <u> </u>     | 86       | $\dashv$        |          | +      | <del>  -</del>                                   | ++              | +      | 1            |           | 136      |               | +      | +        |                 |                 | +               | +               |
| $\vdash$               | 37       | $\vdash$     | $\vdash$ | +         | -               | +-     | ++   | $\dashv$      | Hill     | <u> </u>     | 87       | $\dashv$        |          | +      | <del></del>                                      | ++              | +      | -            |           | 137      |               | +      | +        | $\vdash \vdash$ | -               | $\dashv$        | +               |
| $\vdash$               | 38       | $\vdash$     | Н        | -         | $\dashv$        | +-     | <del>   </del>                                   |               |          | <del> </del> | 88       | $\dashv$        |          | +      | $\vdash$   | +               | +      | -            |           | 138      | -+-           | +      | $\vdash$ | $\vdash \vdash$ | -               | +               | -               |
|                        | 39       | $\vdash$     | Н        | +         | +               | _      | <del>                                     </del> |               | 1        |              | 89       | -+              |          | +      | <del>                                     </del> | ++              | +      | -            |           | 139      |               | +-     | +-       | H               | +               | $\dashv$        | +               |
| $\vdash \vdash \vdash$ | 40       | $\vdash$     | $\vdash$ | $\dashv$  | $\dashv$        | +-     | +  | +             | 1        | <b></b>      | 90       | -+              | $\dashv$ | +      | <del>                                     </del> | ++              | +      | 1            |           | 140      | -+            | +      | +-       | $\vdash \vdash$ | $\dashv$        | +               | +               |
| <del>  </del>          | 41       | -            | $\vdash$ | -         | +               | +      | +  | +             |          |              | 91       | $\dashv$        | +        | +      | <del>   </del>                                   | ++              | +      | -            |           | 141      | -+            | +      | +        | $\vdash \vdash$ | -               | +               | +               |
| $\vdash \vdash$        | 42       | ⊢            | $\vdash$ | $\dashv$  | $\dashv$        | +      | $\vdash$   | -             | l I      | -            | 92       | $\dashv$        |          | +      | $\vdash$   | +-+             | +      | -            |           | 142      |               | +-     | -        | $\vdash \vdash$ | $\dashv$        | $\dashv$        | $\dashv$        |
| <del>  </del>          | 43       | $\vdash$     | +        | +         | $\dashv$        | +      | ++   |               |          | <u> </u>     | 93       |                 |          | +      | $\vdash \vdash$                                  | +-+             | +      | -            |           | 143      | -             | +      | $\vdash$ |                 | -               | +               | +               |
| $\vdash\vdash\vdash$   | 44       | $\vdash$     | $\vdash$ | $\dashv$  | $\dashv$        | +-     | ++   | +             | <b> </b> |              | 94       | -               | +        | ╫      | <del>                                     </del> | ++              | +      | -            |           | 144      | +             | +      | ╁        | $\vdash \vdash$ |                 | +               | +               |
| $\vdash\vdash\vdash$   | 45       | ┝            | $\vdash$ | $\dashv$  | -+              | +      |  | +             | ll       | -            | 95       | -+              | +        | +      |  | +               | +      | -            |           |          | -             | +      | +        | $\vdash$        | $\dashv$        |                 | $\dashv\dashv$  |
| $\vdash\vdash\vdash$   | 46       | $\vdash$     | ┼┤       | -+        | $\dashv$        | +      | +-+  |               | ::::     |              | 96       |                 | +        | +-     | $\vdash \vdash$                                  | +               | +-     | -            |           | 145      | $\dashv$      | +      | $\vdash$ | $\vdash \vdash$ | -               | +               | $\dashv$        |
| $\vdash$               | 47       | -            | $\vdash$ |           |                 | +-     | $\vdash \vdash$                                  | +-            | ł::::    |              | 97       | $\dashv$        | +-       | +      | ⊢-   | ++              | +-     | -            |           | 146      | +             | +-     | $\vdash$ |                 | $\dashv$        |                 | $\dashv$        |
| $\vdash$               | 47       | ├-           | $\vdash$ | $\dashv$  |                 | +      | $\vdash \vdash$                                  |               |          |              | 98       | -+-             | +        | ╁      | $\vdash$   | ++              | +-     | 4            |           | 147      |               | +      | ┼        |                 | -               | 4               | $\dashv$        |
| $\vdash \vdash \vdash$ |          | $\vdash$     | -        | $\dashv$  | +               |        | +  | +             |          |              |          | $\dashv$        | +        | +      | $\vdash\vdash$                                   | ++              | +      | -            | ļ         | 148      | +             | +      | ₩        | $\vdash$        | $\dashv$        | +               | $\dashv$        |
| $\vdash$               | 49       | $\vdash$     |          | -         | $\dashv$        |        | ┯┼   | +             |          |              | 99       | -+              | +        | ┼      | -  | ++              | +      | -            | ļ         | 149      |               | +      | ₩        | $\vdash$        | _               |                 |                 |
| ــــا                  | 50       | <u>L</u> .   |          |           |                 |        | LL   | L_            | j: ::    |              | 100      | L               |          | 1_     |  | <u> </u>        |        |              | لــــــا  | 150      |               |        | 1        |                 | - 1             |                 | !               |